
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2009; month=2; day=12; hr=15; min=31; sec=7; ms=608;]

Reviewer Comments:

<210>1

<211>448

<212>PRT

<213>Artificial Sequence

<220>

<221>

<222>

<223>Amino acid sequence of C chain of humanized antibody PM-1 against interleukin-6 receptor

<400>1

Please insert a response for the above numeric identifiers <221> - <222>. This section only needs to be listed if there was an unusual or modified L-amino acid in the sequence.

Validated By CRFValidator v 1.0.3

Application No: 10593786 Version No: 1.0

Input Set:

Output Set:

Started: 2009-01-23 18:01:17.682 **Finished:** 2009-01-23 18:01:18.413

Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 731 ms

Total Warnings: 2
Total Errors: 8
No. of SeqIDs Defined: 2

Actual SeqID Count: 2

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (1)
Ε	201	Mandatory field data missing in <221> in SEQ ID (1)
Ε	201	Mandatory field data missing in <222> in SEQ ID (1)
E	334	Range not specified in <222> in SEQ ID (1)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (1)
W	213	Artificial or Unknown found in <213> in SEQ ID (2)
Ε	201	Mandatory field data missing in <221> in SEQ ID (2)
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E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (2)

SEQUENCE LISTING

290

295

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<120>Subtypes of humanized antibody against interleukin-6 receptor
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<140> 10593786
<141> 2009-01-23
<150>JP2004-87578
<151>2004-03-24
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<223>Amino acid sequence of C chain of humanized antibody PM-1 against interleukin-6 receptor
Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Arg Pro Ser Gln
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Thr Ser Asp
                                 25
His Ala Trp Ser Trp Val Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp
                            40
Ile Gly Tyr Ile Ser Tyr Ser Gly Ile Thr Thr Tyr Asn Pro Ser Leu
                        55
                                            60
Lys Ser Arg Val Thr Met Leu Arg Asp Thr Ser Lys Asn Gln Phe Ser
                    70
                                        75
Leu Arg Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
                                    90
Ala Arg Ser Leu Ala Arg Thr Thr Ala Met Asp Tyr Trp Gly Gln Gly
                               105
           100
Ser Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe
                           120
                                               125
Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu
                        135
Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp
                  150
                                       155
Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu
                                   170
Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser
           180
                               185
Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro
                           200
Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys
                        215
Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro
                  230
                                      235
Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
                                    250
Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp
            260
                                265
Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
                           280
Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val
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300

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Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
    310
                                   315
Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys
             325
                       330
Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
          340
                             345
Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr
                          360
Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
                     375
Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
                                 395
                 390
Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys
                       410
             405
Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu
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<223>Amino acid sequence of L chain of humanized antibody PM-1 against interleukin-6 receptor
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                                 1.0
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                              25
Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Ile
                          40
Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly
                       55
Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro
                   70
                                      75
Glu Asp Ile Ala Thr Tyr Tyr Cys Gln Gln Gly Asn Thr Leu Pro Tyr
                                  90
Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
                            105
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
                         120
Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
                     135
                                        140
Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln
                  150
                                     155
Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser
                       170
             165
Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr
               185
Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser
                        200
Phe Asn Arg Gly Glu Cys
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210